

Indonesia, Sulawesi-Lombok Programme for Earthquake and Tsunami Infrastructure Reconstruction Assistance (PETRA) Quarterly Progress Report October – December 2019 / Annual Report 2019

Sector situation:

The 2019 Presidential and Legislative election has dominated the national landscape, however by the time it was concluded, there were no political occurrences at national and local levels that may have affect the Project.



Deputy of Rehabilitation & Reconstruction- BNPB delivered an opening remarks at the coordination meeting held in August 2019 to communicate progress of PETRA project to Local Government Units of 4 target districts/ municipality in Central Sulawesi. (photo: Olkes-UNDP)

Action Plan for Rehabilitation and Reconstruction (Renaksi RR). Enactment of Action Plans for Rehabilitation and Reconstruction in both target provinces has enabled PETRA in defining its detail investment plan. In Central Sulawesi, the Rehabilitation and Reconstruction Master Plan and four Action Plans for Rehabilitation and Reconstruction of Palu Municipality, and of Sigi, Donggala, and Parigi Moutong districts were finalized and officially endorsed through the Governor's Regulation No 31 of 2019. Following the issuance of the decree, on 24 April 2019 the Governor announced the closure of transition period from emergency into rehabilitation and reconstruction of Central Sulawesi, and further announced the Rehabilitation and Reconstruction implementation phase to commence for the next two years starting 25 April 2019. By end of 2019, housing

reconstruction sector for both on-site and relocation areas is still main focus of Local Government. As per December 2019, 630 housing units are in reconstruction progress by KemenPUPR out of total 950. While housing reconstruction projects implemented by non-government organizations have reached 442 units completed and 425 units in progress out of total 2500.

In West Nusa Tenggara Province, the Action Plans approved in December 2018 are expiring in December 2019 and the Local Governments have foreseen to extend the validity period. Despite that, the transition phase from emergency period is extended to March 2020 due to rehabilitation and reconstruction of heavily damaged houses that is still in progress. As of December 2019, 135,041 housing units were completed out of total target 222,530 units.

Throughout 2019, PETRA team has continue maintaining coordination with the World Bank programme and JICA programme team in exchanging information related to infrastructure rehabilitation/ reconstruction targeting, mainly to synchronizing reconstruction project in Central Sulawesi province.

Coordination with local government partners. Regular coordination meeting facilitated by IMDF-DR Secretariat to update local government on the progress of PETRA project were conducted more frequently during Q3 and Q4 2019. In those events, the National Geological Agency had taken part in presenting the geological survey methodologies, general results and findings for all PETRA targeted subprojects. UNDP had also facilitating first consultation between newly awarded Design Consultant firms with the government stakeholders. Despite that few reshufflings of relevant Local Government Unit officials, the PETRA PMU has so far maintained effective coordination with the LGUs and there are no significant challenges in local level coordination that may have affect the implementation of the project.



"In the wake of a major catastrophe in the village, economic recovery is required to support the community. Activities that will improve the community develop innovative skills-- such as capacity building and micro-enterprise assistance--are essential to accelerate the rebuilding process. Identifying the village's main potential is crucial to unleashing economic opportunities. Besides, this initiative confirms that marginalized groups, including women, are not left behind," Deputy Resident Representative of UNDP Indonesia at the Baznas-UNDP Joint Programme kickoff in Tuva village, Gumbasa subdistrict-Sigi in Central Sulawesi. (photo: Olkes-UNDP)

Augmenting the impact of PETRA Project recovery intervention with provisions from other Donors to UNDP Indonesia. UNDP and National Zakat Agency / *Badan Amil Zakat Nasional* (Baznas) have initiated joint activities to enhance the impact of post-disaster recovery support for livelihoods in selected villages in West Nusa Tenggara and Central Sulawesi. This support will build on activities of PETRA which focus on rehabilitation and reconstruction of economic community infrastructures, and further support local economic recovery and livelihoods development activities. This will allow vulnetable and disaster affected communities to take advantage of community infrastructure rehabilitation for accelerated livelihoods recovery and income generation. This joint initiative was first launched in September 2019 for Sambik Elen village, North Lombok, followed by similar initiative in Tuva Village, Sigi

District. In this partnership Baznas will provide soft component to support livelihood recovery of farmers in Tuva village and Sambik Elen village to complement the community infrastructure reconstruction works targeted by PETRA project.

In addition, UNDP is exploring options with the Jakarta Ambassador Golf Association (JAGA) for partnering on a small-scale initiative for reconstruction of a Supporting Healthcare Facility (Pustu) in Gapuk village, West Lombok District.

Progress and developments during the Reporting period:

Annex 1 highlights progress as of December 2019 against each output and activity. In overall, the project is still progressing on track and as scheduled.

Output 1. PETRA initiated collaboration with the National Geological Agency (*Badan Geologi*) in Q1 to conduct detail geological survey. Following clarity of target infrastructures in Q2, team of Geology experts started preliminary survey in Q3 and by Q4 has



Geological Agency team conducted Multichannel Analysis of Surface Wave (MASW) and Microtremor tests in Palu City, as part of seismic hazard investigation and analysis, which will contribute to a better and safer design of target infrastructures of PETRA. These tests applied in all target locations in Central Sulawesi and West Nusa Tenggara (photo: UNDP)

completed detail geological survey and investigation in 19 sub-project sites of Central Sulawesi and 13 sites of West Nusa Tenggara. 9 sites are still in an ongoing process of core drilling to collect primary data of geological sub-surface and its soil/ rock engineering properties. The geological survey started with preliminary survey to identify and determine test and investigation methods. By December 2019, the Geological Agency had undertaken geological mapping, geotechnical and surface rupture investigations, and earthquake hazard analysis. Findings and recommendations have been advised to Design Consultants partners, IMDFF-DR, and Local Governments for improving risk mitigation measures through structure reengineering and rearrangement of site layout for new buildings.



Students of SMK N Pemenang-North Lombok studied in the temporary classroom that is dusty and hot, after their school was hit by a 7.0 earthquake magnitude in August 2018. This school is 1 out of 4 targeted schools to be reconstructed through PETRA project in West Nusa Tenggara province. (photo: Olkes-UNDP)

Detailed investment plan for reconstruction of priority basic public service infrastructures agreed between IMDFF-DR, Provincial and District/ Municipality governments, KfW and UNDP at the end of Q1 for Lombok and mid-Q2 for Central Sulawesi, in accordance to the 8 Readiness Criteria for reconstruction support agreed by PETRA project stakeholders. Due to the presence of multiple funding opportunity for rehabilitation and reconstruction in Central Sulawesi, UNDP and IMDFF-DR Secretariat had to undertake follow up coordination at national level with relevant ministries and with local stakeholders as well as with international development partners, to ensure no funding duplication in targeting public service infrastructure reconstruction.

8 Readiness Criteria for PETRA Support to West Nusa Tenggara and Central Sulawesi

1. Part of Local Government Recovery Plan – Rencana Aksi Rehabilitasi & Rekonstruksi.
2. Heavily damaged government assets (at Province, District and Village levels)
3. Proposed by LG based on sectoral mandate and no funding duplication from other financial resources.
4. Project site is located in a safe area. In Central Sulawesi, site is not located in Cat. 4 of Hazard Prone Areas.
5. Local Government to provide land with Clear and Clean status.
6. Local Government to process asset disposal of building/structure prior to reconstruction activity.
7. Local Government will accept asset transfer from the project and responsible for its future operation and maintenance.
8. Local Government responsible to process all required permits.

Throughout Q3, intensive coordination took place in reviewing the detail investment plan. It involved close consultations with Ministry of Public Works (*KemenPUPR* – DG of Cipta Karya), Ministry of Education and Culture (*Kemendikbud*) and Ministry of Health (*Kemenkes*), as well as with the World Bank, JICA and ADB. Coordination at local level have also taken place with respective Local Government Units in each target province, and district/ municipality. IMDFF-DR had been facilitating synchronization of grant funding with government budget (APBN/ APBD) and loan allocation for recovery interventions in Central Sulawesi, and resulted in agreement of Ministry of Finance, Bappenas, BNPB and relevant technical Ministries to put grant funding at top priority for post-disaster recovery financing. Despite that, challenges on the ground in avoiding funding duplication could



Mr Anis Alyani (32), person in charge for Pustu Telaga Wareng was examining patients in the temporary building. After Pustu Telaga Wareng collapsed during the 7.0 magnitude earthquake in August 2018. "People here rely need a better Pustu facility. We as health officers, also can perform better service if the facility can be rebuilt soon," said Anis. Pustu Telaga Wareng is 1 out of 8 Pustu that will be reconstructed through PETRA project in West Nusa Tenggara province. (Photo: Olkes-UNDP)

only be minimized, as by last quarter 2019 it was found that one facility in Donggala District, i.e. SDN 21 Sirenja, that has been included to receive reconstruction work support from PETRA, being rehabilitated by *KemenPUPR*. Having learned from this case, PETRA will install project information board in each subproject sites earlier than planned (as construction period starts).

Tendering process of Design and Construction Supervision works for 40 subprojects in West Nusa Tenggara and Central Sulawesi have been concluded by Q4. Overall, 4 (four) Request for Proposals were advertised internationally and in average 4 potential bidders participated in the bidding process. The Environmental and Social Management Framework finalized in Q2 was a key part of the Tender Document and has been guiding the selected Consultant firms to develop the Environmental and Social Management Plan for each subproject.

Design and Construction Supervision Package	Consultant Firms
Schools and Health Facilities in Lombok (13 subprojects)	PT Arkonin Engineering Manggala Pratama JV PT Dacrea Engineering Consultants
Facilities of Central Sulawesi hospitals – Anutapura Palu and Tora Belo Sigi (2 subprojects)	PT Arkonin Engineering Manggala Pratama
Schools and Health Facilities in Central Sulawesi (21 subprojects)	PT. Yodya Karya (Persero) JV PT. Bumi Harmoni Indoguna and PT. Cakrabuana Consultants
Sanitary Landfills in Central Sulawesi – Kawatuna Palu and Kabonga Donggala (2 subprojects)	PT Arkonin Engineering Manggala Pratama JV PT Indokoei International

Output 2. Series of consultations with communities in 5 villages and respective local government of North and East Lombok districts have been concluded in Q3 and Q4 2019. As results, the numbers of community infrastructures that are crucial to support livelihood recovery in the area have been identified, among others, water retention ponds, tertiary irrigation canal, suspension bridge accessing farming area, and village commodity kiosk. The Project will coordinate the list with IMDFF-DR, Provincial and District Government to ensure the 8 readiness criteria are met prior to executing the rehabilitation and reconstruction with the community. In order to optimize the impact from the support, complementary activities are foreseen by the Project in terms of facilitation of trainings related to livelihood recovery and disaster-risk reduction, as well as provision of related productive assets.



An FGD with villagers of Tuva village was held in September 2019 to gather community needs for post-disaster livelihood recovery through community infrastructure reconstruction. (Photo: Olkes-UNDP)

PETRA Project has engaged 3 (three) organizations using the NGOs/ CSOs Grant Agreement, i.e. the *Paluma Nusantara* (Paluma) and *Wahana Visi Indonesia* (WVI) for North and East Lombok – West Nusa Tenggara province, and *Yayasan Kemanusiaan Muslim Indonesia* (YKMI) for Sigi – Central Sulawesi. The NGOs will support PETRA to setup the arrangement for community engagement in reconstruction activities and manage the field implementation. As per Q4, all organizations have started preparatory works in respective target locations.

Update of time schedule:

Project activities are moving forward in line with the workplan (please refer to Annex 4).

Costs and Finances:

The financial expenditures in 2019 has increased significantly following the completion of tendering process for Design and Construction Supervision works in Output 1, as well as from Grant allocation to CSO partners in Output 2. As per 31 December 2019, delivery rate reached Euro 3,749,233.93 or 15 % from total budget (please refer to Annex 5).

Outlook, recommendations and issues to be decided upon:

In the Q1 2020, the Project will be focusing on; a). Monitoring and facilitating process of consultation for Detailed Engineering Designs of 13 subprojects in Lombok and 26 subprojects in Central Sulawesi (with possibility of 2 to 3 replacement subprojects in Donggala Districts; and b). Preparation for civil works tender in Central Sulawesi. In West Nusa Tenggara, to closely monitor the DED for 13 subprojects (RFP 1) and preparation of tender package(s) for construction.

The project also aims to secure endorsement for community infrastructure under Output 2 and kickstart its design activity within Q1 2020. The implementation of community reconstruction activities is expected will be commenced in early Q2 2020.

The project is continuing the cooperation with Geological Agency for investigating the sub-surface and soil/ rock engineering properties of 9 sites in Central Sulawesi to assure that target locations are in the safe area and not within the Category 4 of Hazard Prone Areas, as also required in the 8 readiness criteria of the project.

The team will also revise SOP of PETRA in the Q1 2020 following the finalization of target for both output of the project.

Furthermore, since the gender and environment experts has been appointed in December 2019, the development of gender and inclusive framework as well as ESMF monitoring framework are targeted to be completed in Q1 2020.

The baseline for all targeted infrastructures will be documented in form of video. The video baseline is targeted to be completed by first month of Q2 2020.

List of annexes:

- Annex 1. Quarterly Progress Report Matrix
- Annex 2. Risk Analysis
- Annex 3. Multi Year Work Plan and Implementation Plan
- Annex 4. Annual Disbursement 2019

Annex 1

QUARTERLY PROGRESS REPORT/ANNUAL REPORT 2019¹ Period: October- December 2019

Vulnerable communities in Central Sulawesi and NTB recover from the impact of the 2018 disasters and are more resilient to withstand future shocks			
Output 1: Rehabilitation and reconstruction of partially and fully damaged infrastructure for provision of critical public services			
Output 1 Financial Data	Financial Delivery Amount (Euro) <i>Cumulative expenditures for the current year (Q1-Q4)</i>		Financial Delivery Rate <i>(% expenditures against the annual budget for output)</i>
	Total Project: € 18,929,170.00		Total Project: 15%
Output 1 Indicators	Quarter Progress <i>Provide quantitative results for quarter (not cumulative).</i>	Annual Target¹ <i>Update in Q1 of each year using targets agreed in previous Q4 in annual work plan.</i>	Financial Delivery Amount (EURO) <i>Cumulative expenditures for the current year (Q1-Q4)</i>
1.1 # health units reconstructed or rehabilitated using 'build-back better' construction standards 1.2 # educational establishments reconstructed or rehabilitated using 'build-back better' construction standards 1.3 # of service users that benefit from rehabilitated/ reconstructed health facilities (men and women; girls and boys) 1.4 # of school-age children that benefit from reconstructed or rehabilitated educational facilities	1.1 Work in Progress - 0 of 13 (in DED process) 1.2 Work in Progress - 0 of 24 (in DED process) 1.3 <i>Tba – upon completion of reconstructed facilities</i> 1.4 <i>Tba – upon completion of reconstructed facilities</i>		Euro € 2,817,552.46
			Financial Delivery Rate <i>(% expenditures against the annual budget for outcome)</i>
			103%

¹ Annual targets refer to the calendar year (rather than project year), and do not depend on when the ProDoc was signed/when the project officially began.

<p>1.5 # tonnes of municipal solid waste sustainably disposed of and/or recycled per day, using rehabilitated facilities and newly introduced waste management systems</p> <p>1.6 # of cubic metres of earthquake and tsunami debris recycled by municipal public facilities by the end of the project</p>	<p>1.5 <i>Tba – upon completion of reconstructed facilities</i></p> <p>1.6 <i>Tba – upon completion of reconstructed facilities</i></p>			
Output 1 Activities				
Activity Number	Activity Description	Progress Achieved During Quarter <i>Provide short description of what was undertaken and accomplished</i>	Issues Encountered & Plans to Address Them	Lessons Learned
UNDP Activities				
Activity 1.1	Provide support to the finalization/updating of the Multi-Hazard Risk Assessment and Mapping for Central Sulawesi and Lombok	<p>The Indonesian Geological Agency has undertaken preliminary review of key geological risks in the two provinces.</p> <p>Initial survey (site visit) was conducted by Geology agency team on August 2019 in 27 subprojects in Central Sulawesi province and on September 2019 in 13 subprojects in West Nusa Tenggara province. The initial survey was aimed to determine type of geological test and investigation method(s) needed for each site.</p> <p>Detail site geological survey and analysis has been completed in December 2019 for 32 subprojects in both West Nusa Tenggara and Central Sulawesi province, except 9 sites in Central Sulawesi that remain in progress for 25 – 100 m depth of core drilling. Findings and recommendations have been provided to the Design Consultant firms to support the DED development process.</p>	Potential issues in the future related to geological survey findings, such as recommendation for relocating or structure reengineering of targeted facilities due to potential geological hazards, is probably affect budget allocation of each subproject.	<p>Conducting geological survey in post disaster recovery provided clear picture on the geological characteristic, potential hazards and provide opportunity to fulfill “Build-back Better and Build-back safer” principle.</p> <p>Geological survey is mandatory for conducting recovery project in the geological disaster-prone areas in Indonesia.</p>

		<p>In Lombok, the geological survey conducted in September and December 2019, resulted in thorough geological and seismic hazard analysis of all 13 subproject sites. Amongst 13 sites, there are 4 sites that require structure reengineering and relocation of new buildings within the existing area. Findings and recommendations resulted from the geological survey then feed into DED of developed by Arkonin - Dacrea.</p> <p>The Environmental and Social Management Framework finalized in Q2 and being applied starting from the design process of target infrastructures.</p>		
<p>Activity 1.2</p>	<p>Complete a detailed annual investment plan for local recovery, in close consultation with relevant national and local authorities and local communities</p>	<p>West Nusa Tenggara Selection of target infrastructures is finalized and collectively agreed by IMDFFDR, Provincial and District/ Municipality Government, KfW, and UNDP on 26th March 2019, resulted in 13 priority health and education subprojects:</p> <ul style="list-style-type: none"> • 1 Primary Healthcare Facility (Puskesmas) in East Lombok district. • 8 Supporting Healthcare Facilities (Pustu) in North Lombok district • 4 Vocational High Schools (SMK) in North Lombok district <p>The selection is based upon fulfillment towards 8 Readiness Criteria for Lombok:</p> <ol style="list-style-type: none"> 1. Part of LG Recovery Plan – Renaksi RR. 2. Heavily damaged government (Province, District & Village) assets. 3. Proposed by LG based on sectoral mandate and no funding duplication from other financial resources. 4. Project site is located in a safe area. 	<p>West Nusa Tenggara Despite that Agreement on Priority Infrastructures has been concluded in Q2 2019, in December 2019 the IMDFF-DR Secretariat revisited the selection of Puskesmas in East Lombok, addressing the status of damage level as per Renaksi RR and rationale of plan to relocate the facility to a new location within the sub-district.</p> <p>UNDP RRU and PETRA Teams have been undertaking follow up actions to clarify the background of prioritization which fully endorsed by the District Government and assured that the 8 Readiness Criteria are fulfilled. Series of coordination meeting involving LG and IMDFF-DR have been conducted to resolve the issue.</p>	

		<ol style="list-style-type: none"> 5. Local Government to provide land with Clear and Clean status. 6. Local Government to process asset disposal of building/structure prior to reconstruction activity. 7. Local Government will accept asset transfer from the project and responsible for its future O&M. 8. Local Government responsible to process all required permits. <p>In September 2019, coordination meeting took place between UNDP and IMDFF-DR Secretariat with the provincial and target district/ municipality government in West Nusa Tenggara. Total 13 subprojects remain unchanged.</p> <p>In November 2019, a monitoring visit was done by the IMDFF-DR Secretariat. The finding was communicating direct to Bappeda of West Nusa Tenggara province on 20 December 2019.</p> <p>Central Sulawesi Selection of target infrastructures is finalized and collectively agreed by IMDFFDR, Provincial and District/ Municipality Government, KfW, and UNDP on 21st May 2019. By December 2019, 26 target infrastructures of health, education, sanitation, and economic sub-sectors will be reconstructed, as follows:</p> <ul style="list-style-type: none"> • 2 Hospitals (selected buildings, i.e. inpatient room, stroke center, maternal and childcare room, etc) of Anutapura in Palu and Torabelo in Sigi; 	<p>Central Sulawesi The initially identified targets in Central Sulawesi were 29 facilities. However, it was found out that 3 facilities in Donggala District have no longer fulfill the 8 Readiness Criteria, as follows:</p> <ul style="list-style-type: none"> • Pustu Labuan Induk was confirmed funded by Donggala District budget; • Sentra IKM Tenun Ikat Donggala was reassessed technically and found for insignificance damage; 	
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		<ul style="list-style-type: none"> • 2 Primary Healthcare Facilities (Puskesmas) - in Sigi and Donggala; • 2 Vocational High Schools - in Palu and Sigi; • 18 Primary Education school buildings (12 SD and 6 SMP) - in Palu, Sigi, Donggala, and Parigi Moutong • 2 landfills - Kawatuna in Palu and Kabonga in Donggala. <p>The selection is based upon fulfillment towards 8 Readiness Criteria for Central Sulawesi:</p> <ol style="list-style-type: none"> 1. Part of LG Rehabilitation and Reconstruction Master Plan and Action Plans of 4 District/Municipality 2. Heavily damaged government (Province, District & Village) assets. 3. Proposed by LG based on sectoral mandate and no funding duplication from other financial resources. 4. Project site is located in safe area and not in the category 4 of Hazard Prone Areas- Zona Rawan Bencana (ZRB) 5. Local Government to provide land with Clear and Clean status. 6. Local Government to process asset disposal of building/structure prior to reconstruction activity. 7. Local Government will accept asset transfer from the project and responsible for its future O&M. Local Government responsible to process all required permits. 	<p>These 2 facilities were therefore taken out from the target list, confirmed in IMDFF-DR Coordination Meeting on 15 August and 29 October 2019.</p> <ul style="list-style-type: none"> • SDN 21 Sirenja, during field monitoring in December was found that rehabilitation work is ongoing funded by PUPR. <p>Identification and consultation with the Donggala District government for alternative replacement are being conducted.</p> <p>Following a field monitoring conducted by the IMDFF-DR Secretariat to several subprojects in Central Sulawesi in October, the IMDFF-DR suggested to remove Kabonga Landfill from the priority list as it was perceived as not critically damaged, as seen from the surface (visual observation). In coordination meeting on 29th October, Donggala District and Provincial governments have again confirmed that the facility suffered heavy damaged in the sub-surface system. Despite that, the Secretariat requires formal statement from relevant stakeholders of Donggala district to acknowledge or certified that Kabonga landfill is heavily damaged due to a 28 September 2018 earthquake and therefore still a priority.</p>	
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			UNDP RRU and PETRA Teams have been responding to this finding by facilitating the Geological Agency to conduct thorough investigation in Kabonga landfill and facilitating coordination meetings with the LGs to reconfirm the priority of Kabonga Landfill.	
Activity 1.3	Conduct of tendering processes for (a) Civil works design and supervision (stage one) and (b) Construction (stage two) – using ‘Build Back’ Better principles	<p>West Nusa Tenggara: Tendering of RFP/ UNDP/ PETRA/ 73051/ 008/ 2019 through Open International Competition process for the “Design and Construction Supervision for School and Medical Buildings in Lombok” was completed in early August 2019 and contract awarded in September 2019 to PT. Arkonin Engineering Manggala Pratama JV PT. Dacrea Design and Engineering Consultants.</p> <p>PETRA and Arkonin–Dacrea held series of consultations of concept and final designs with local governments and users of target facilities throughout Q4 2019. Following acceptance of local stakeholders, the Consultant currently continues with developing the Detailed Engineering Designs for each target facility. Initial Cost Estimates by the Consultant firm for the 13 subprojects indicated that it may go beyond initial allocation as forecasted by the Project. In this case, the Project Team anticipates adjustments in respective budget lines.</p> <p>It is estimated that tendering process for construction works will begin by end of Q1 2020.</p>		

		<p>Central Sulawesi:</p> <p>Tendering process of 3 (three) of Request for Proposals (RFPs) packages for Design and Construction Supervision of 27 subprojects in Central Sulawesi, and Invitation to Bid (ITB) of Procurement of Power Transformer for Anutapura Hospital in Palu through Open International Competition process, have all been concluded in Q4 2019.</p> <p><u>RFP/UNDP/PETRA/73056/011/2019</u> Consulting Service for the Design and Construction Supervision for Inpatient Buildings, Pharmacy and Maternity Building in Two Hospitals in Central Sulawesi, has been awarded to PT. Arkonin Engineering Manggala Pratama in November 2019.</p> <p>PT. Arkonin EMP also responsible to supervise the rehabilitation of Electrical Power Transformer and Distribution network at Anutapura Hospital Palu (part of RS Anutapura reconstruction subproject), which awarded to PT Atekindo through ITB/ UNDP/ PETRA/ 87241/005/ 2019.</p> <p>It is estimated that completion of electrical power rehabilitation by end of Q1 2020, while the tendering process for construction works in these 2 hospitals will begin by end of Q1 2020.</p> <p><u>RFP/UNDP/PETRA/73054/015/2019</u> Consulting Service for the Design and Construction Supervision for Two Puskesmas and Twenty-One Schools in Central Sulawesi has been awarded to PT. Yodya Karya (Persero) JV PT. Bumi Harmoni Indoguna and PT. Cakrabuana Consultants in December 2019.</p>		
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		<p>It is estimated that tendering process for construction works in these 2 Puskesmas and 21 Schools will begin by mid Q2 2020.</p> <p><u>RFP/UNDP/PETRA/73058/020/2019</u> Consulting Service for the Design and Construction Supervision for Two Landfills in Central Sulawesi, has been awarded to PT Arkonin Engineering Manggala Pratama JV PT Indokoei International in December 2019.</p> <p>It is estimated that tendering process for construction works in these 2 Landfills will begin by mid Q2 2020.</p>		
Activity 1.4	Civil works/Construction: Contract management and supervision			
Activity 1.5	Provision of equipment to accelerate the restoration and enhancement of critical public services, in close coordination with national and local authorities			
Activity 1.6	Provision of formal and on-the-job training to relevant sub-national authorities and community organizations			

Output 2: Rehabilitation of affected communities' economic infrastructure to promote more resilient and sustainable livelihoods

Output 2 Financial Data	Financial Delivery Amount (Euro) <i>Cumulative expenditures for the current year (Q1-Q4)</i>		Financial Delivery Rate <i>(% expenditures against the annual budget for component)</i>
		Total Project: € 1,390,498.40	
Output 2 Indicators	Quarter Progress <i>Provide quantitative results for quarter (not cumulative).</i>	Annual Target <i>Update in Q1 of each year using targets agreed in previous Q4 in annual work plan.</i>	Financial Delivery Amount (Euro) <i>Cumulative expenditures for the current year (Q1-Q4)</i>
2.1 # km of irrigation canals and drainage in disaster-affected areas rehabilitated or reconstructed for improved agriculture (Donggala and Sigi) 2.2 # of culverts and bridges disaster-affected areas rehabilitated or reconstructed for improved agriculture (Donggala and Sigi) 2.3 # local markets rehabilitated or reconstructed 2.4 # households that benefit from economic infrastructure rehabilitation (men and women), including direct beneficiaries (self-employed; employees) and indirect beneficiaries (consumers/users) – in retail and agriculture 2.5 # newly created jobs in the waste management and recycling ecosystem (collection, sorting, processing retailing), direct and indirect, men and women	2.1 Work in Progress - <i>(Dependent to result of priority identification based on Renaksi RR and community proposal)</i>		Euro € 174,695.33
			Financial Delivery Rate <i>(% expenditures against the annual budget for outcome)</i>
	2.2 Work in Progress – <i>(Dependent to result of priority identification based on Renaksi RR and community proposal)</i>		32%
	2.3 Work in Progress – <i>(Dependent to result of priority identification based on Renaksi RR and community proposal)</i>		
	2.4 <i>tba – (upon completion of community infrastructures)</i>		
2.5 <i>To be removed as the indicator has no longer relevant with current situation (and will be formalized in Prodoc revision)</i>			
Output 2 Activities			

Activity Number	Activity Description	Progress Achieved During Quarter <i>Provide short description of what was undertaken and accomplished</i>	Issues Encountered & Plans to Address Them	Lessons Learned
UNDP Activities				
Activity 2.1	Facilitate community-led processes for the identification and prioritization of critical local economic assets (infrastructure) to be recovered	<p>West Nusa Tenggara Identification of targeted community economic infrastructures in West Nusa Tenggara province has been completed and being reviewed by the IMDFF-DR Secretariat for final endorsement.</p> <p>Series of community consultations had been conducted to prioritizing identified potential community economic infrastructures to be reconstructed. The consultation meeting was done in Q3 2019 in five villages, attended by 110 representatives (85 men; 26 women) of farmer groups, youth groups, women groups, village officer and district and sub-district government. The proposed community infrastructures to be rehabilitated/ reconstructed were:</p> <ol style="list-style-type: none"> 1. Jalan Usaha Tani (Peasant/Farmer Road) Tanah Abang - Jalur Nunggal Kubur in Sajang village-East Lombok. 2. Jembatan Tani (Peasant/Farmer Old Wooden Bridge) Belunak in Sembalun Lawang village-East Lombok. 3. Embung Air (Retention Basin) Rante Mas in Sembalun lawang village-East Lombok. 4. Embung Air (Retention Basin) NapNap in Sembalun Bumbung village-East Lombok. 5. Saluran Irigasi (Irrigation Channel) Daya Rurung Timuk in Sembalun Bumbung village-East Lombok 6. Embung Air (Retention Basin) Monggal Atas in Genggelang village-No 	<p>During community consultations, some of identified priorities were found not specifically mentioned in the Renaksi RR documents, as highlighted as one of 8 readiness criteria applied by the IMDFF-DR.</p> <p>PETRA team has been following through seeking solutions to bring together community's aspirations with administrative requirements, i.e. by advocating local government for revisiting the Renaksi and include the priority community infrastructures into the document.</p>	<p>The Renaksi RR document of East and North Lombok are developed with limitations in certain level of details, i.e. damaged objects at village by village. Thus, many damaged community infrastructures at village level were uncaptured in the document.</p> <p>Project stakeholders may consider different set of criteria to be applied in prioritizing needs and interventions. Unlike component 1 that driven from the top, the component 2 activities may consider adjusted criteria that accommodate community aspirations from bottom-up.</p>

		<p>7. Waserda (Commodity Shop) Genggeling Village Office in Genggeling village-North Lombok</p> <p>8. Jalan Usaha Tani (Peasant/Farmer Road) Elong-Elong in Sambik Elen village-North Lombok.</p> <p>Results from community consultation were then taken up into follow through consultations with respective local government agencies of North Lombok and East Lombok by end of Q3 2019, attended by 45 representatives (36 male, 9 female) of BAPPEDA, Agriculture Agency, BPBD, Health Agency, Environment and Forestry Agency, NGOs, Village and Sub-district Officers.</p> <p>Central Sulawesi In Central Sulawesi, first round of community consultation conducted in end of Q3 2019, started with community of Tuva village, Gumbasa Sub-district, Sigi District. 20 community representatives (17 men; 3 women) agreed to prioritize 1 suspension bridge connecting settlements with farmland, and 2 women multifunction halls. These priorities have been consulted with the Sigi District Government and awaiting review and endorsement by IMDFDR.</p> <p>Community consultations for other priorities will take place in Q1 2020.</p>		
Activity 2.2	Conduction of tendering processes for the rehabilitation of prioritized community (economic) infrastructure	Call for Proposals (CFP) for CSO Grants to implement the rehabilitation of community infrastructures that support livelihood recovery in rural areas of West Nusa Tenggara (East and North Lombok) and Central Sulawesi (Sigi) were concluded and finalized in December 2019.		

		<p>In West Nusa Tenggara, Low-Value Grant Agreements were signed with 2 CSOs, namely <i>Perkumpulan Paluma Nusantara</i> for North Lombok and <i>Yayasan Wahana Visi Indonesia</i> for East Lombok.</p> <p>In Central Sulawesi, PETRA has engaged <i>Yayasan Kemanusiaan Muslim Indonesia</i> to work in Sigi district.</p> <p>These 3 CSOs were selected after competitive process involving more than 20 bidders for the 3 CFPs.</p> <p>Post-agreement technical meetings with the selected CSOs have been conducted in Lombok and Palu and discussed about Output 2's results framework, activity initiation plans, monitoring and reporting of the activity, as well as induction on UNDP's standards in Grants Management.</p> <p>The inception reports from the CSO partners are targeted to be submitted by Q1 2020.</p>		
Activity 2.3	Civil works/Construction: Contract management and supervision	Included in the scope of work of CSO Grants – not yet executed and contingent with the result of previous activity		
Activity 2.4	Implementation of small scale, cash-for-work schemes through NGOs/CSOs – debris removal and debris management	Included in the scope of work of CSO Grants – not yet executed and contingent with the result of previous activity.		
Activity 2.5	Design and piloting of a recycling and sorting facility, with the	<i>To be removed as the indicator has no longer relevant with current situation (and will be formalized in Prodoc revision)</i>		

	engagement of local authorities and communities			
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Annex 2

RISK ANALYSIS

Project Title: Sulawesi/Lombok Programme for Earthquake and Tsunami Infrastructure Reconstruction Assistance	Award ID: 00116311	Date: 31 December 2019
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#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
1	Potential environmental risks, especially with the waste management aspects of the project.	18/ 12/ 2018	Environmental	Damage to the environment for example the aquifer if the leachate from the waste management facility was not treated appropriately. P = 3 L = 2	Environmental and Social Management Framework to identify and plan for potential risks. Each subproject will have its own environmental and social risk management plan. ESMF integrated into RFPs/ ITBs of design, construction, and supervision. Collaboration with Geological Agency has included Kawatuna and Kabonga landfills as part of geological test and investigation	Project Manager	Project Manager	30/ 12/ 2019	No change <i>(as relevant tasks not yet started)</i>
2	Occupational health and safety due to physical, chemical, biological, and radiological hazards during Project construction, operation, or decommissioning?	18/ 12/ 2018	Environmental	Contaminants during demolition, construction P = 3 L = 2	Environmental and Social Management Framework to identify and plan for potential risks. Each subproject will have its own environmental and social risk management plan.	Project Manager	Project Manager	30/ 12/ 2019	No change <i>(as relevant tasks not yet started)</i>

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
					<p>ESMF integrated into RFPs/ ITBs of design, construction, and supervision.</p> <p>Identified chemical hazard from building materials in the Project sites in Lombok, i.e. asbestos, had been taken up into detail discussion in order to plan for safe site clearance prior to construction. An action point, UNDP will engage a Technical Advisor on Asbestos to conduct site assessment, develop guidelines for safe disposal of asbestos, and monitor the processes on safe disposal of asbestos.</p>				
3	National and sub-national stakeholders do not support PETRA's objectives and are not willing to cooperate.	18/ 12/ 2018	Political	<p>Project would not be able to identify and restore damaged infrastructure.</p> <p>P = 1 L = 1</p>	<p>Maintain active consultation with the government at all stages of the programme. Seek approval from government on the proposed infrastructure.</p> <p>Develop a consultation and monitoring framework with Government stakeholder for the design and construction work of</p>	<p>RRU Team Leader</p> <p>Project Manager</p>	Project Manager	30/ 12/ 2019	<p>Completed</p> <p>Following the signing of PETRA Prodoc in May, series of consultation and coordination meetings at national and local levels have resulted in positive responses and acceptance towards the Project and investment plan</p>

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
					infrastructure sub-projects				
4	Qualified construction companies are not (a) available in the market, (b) interested to engage in the implementation of the various components of the civil works/ contracts, and willing to take part in competitive selection process, and (c) are able to provide the required design, construction and supervision services as per required standards, including the required social, environmental and safety standards.	18/ 12/ 2018	Operational	Poorly constructed infrastructure will place communities at risk P = 2 L = 2	Asking potential companies to submit EOI. Ensure tenders are widely advertised. Prepare detailed RFQs/ ITBs RFQs/ ITBs are packaged in accordance with Gol's standard classification of construction companies' financial capacity.	Project Manager	Project Manager	30/ 12/ 2019	Reducing Having learned from the tendering process for consulting services for design and supervision, 4 RFPs yield in positive results with average bid submission in average of 4 potential bidders per RFP.
5	Eligible CSOs/NGOs are not able to mobilize communities to support project implementation, including the rehabilitation of community economic infrastructure, and are willing to receive and adhere to UNDP's advice with regards to required social, environmental and safety standards.	18/ 12/ 2018	Operational	NGOs are not able to engage with the community, or do not have appropriate experience. P = 2 L = 1	Select local NGOs that already have community networks in Palu and Lombok. Establish, review and update NGO/ CSO roster. Maintain relationship with NGO previously worked with UNDP through informal discussion and learning forum.	Project Manager	Project Manager	30/ 12/ 2019	Reducing

#	Description	Date Identified	Type	Impact & Probability	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
					Keep abreast of activities and/or event managed by potential NGOs/ CSOs, to indirectly monitor their capacities and performance				
6	Local communities will not engage with the project and develop a sense of ownership for project results, including rehabilitated/ reconstructed local community infrastructure.	18/12/2018	Operational	Community Infrastructure not operated or maintained P = 2 L = 1	Community mobilizer involves communities at all stages of the project cycle. Engagement with communities and local government started before assignment of Implementing Partners to sense on their acceptance towards the Project's scope of intervention.	Project Manager	Project Manager	30/ 12/ 2019	Reducing Results and experiences from series of consultations with target communities and local government have been positive, which increase the likelihood of community's engagement towards project results.
7	Additional contribution for the project may affect scope of work and schedule of implementation.	10/12/2019	Operational	Delays in completion of overall planned targets; repeated tasks that may lead onto required additional resources. P=3 L=2	The project to limit scope of additional funding to match with ongoing activity and targets, within existing geographical boundaries; Modalities of Agreements / Contracts with IPs allow changes to accommodate additional scope of work and/or target within certain threshold.	RRU Team Leader Project Manager	Project Manager	30/12/ 2019	No change <i>(as recently identified and the relevant tasks not yet started)</i>

Annex 3

MULTI YEAR WORK PLAN

PROJECT COMPONENT	PLANNED ACTIVITIES	TIME SCHEDULE												
		2019				2020				2021				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
OUTPUT 1	1.1. Provide support to the finalization/updating of the Multi-Hazard Risk Assessment and Mapping for Central Sulawesi and Lombok		Extended/ Ongoing											
	1.2. Complete a detailed annual investment plan for local recovery , in close consultation with relevant national and local authorities and local communities													
	1.3. Conduct of tendering processes for (a) Civil works design and supervision (stage one) and (b) Construction (stage two) – using 'Build Back' Better principles		ES											
	1.4. Civil works/ Construction: Contract management and supervision						LS						LF	
	1.5. Provision of equipment to accelerate the restoration and enhancement of critical public services , in close coordination with national and local authorities				ES									
	1.6. Provision of formal and on-the-job training to relevant sub-national authorities and community organizations						LS							
	MONITORING													
OUTPUT 2	2.1. Facilitate community-led processes for the identification and prioritization of critical local					LF								

	economic assets (infrastructure) to be recovered												
	2.2. Conduct tendering processes for the rehabilitation of prioritized community (economic) infrastructure					LS							
	2.3. Civil works/Construction: Contract management and supervision											LF	
	2.4. Implementation of small scale, cash-for-work schemes through NGOs/CSOs – debris removal and debris management			LS			LF						
	2.5. Design and piloting of a recycling and sorting facility , with the engagement of local authorities and communities												
	MONITORING												
CROSS-CUTTING	3.1. Set up of Project Management Unit												
	3.2. Project Advisory Committee: Scheduled Meetings	*		*		*		*		*		*	
	3.3. Project audits				**				**				**
	3.4. Evaluation and Final Project Report/ Completion Report												

* Scheduled as two-hour meetings

** Tentative schedule. The actual frequency and timing of Project audits will be determined by UNDP's Office of Audit and Investigations (OAI).

*** ES: Early Start; LS: Late Start

Annex 4

ANNUAL DISBURSEMENT 2019* figure in EURO

Outputs	Activities	Fund Source	Budget (EURO)	Disbursement	Balance
				Q1 – Q4 2019	
Output 1: Repair and reconstruction of partially and fully damaged infrastructure for the restoration of critical public service	1.1 Consultancies and technical advisory services	KfW	113,750.00	65,621.57	48,128.43
	1.2 Civil works: Design, Construction and Technical Supervision	KfW	16,740,000.00	2,699,491.63	14,040,508.37
	1.3 Equipment	KfW	2,000,000.00	45,095.17	1,954,904.83
	1.4 Capacity building, consultation and awareness raising	KfW	75,420.00	7,344.09	68,075.91
	Total		18,929,170.00	2,817,552.46	16,111,617.54
Output 2: Rehabilitation of affected communities' economic infrastructure to promote more resilient and sustainable livelihoods for both men and women	2.1 Consultancies and Technical Assistance Service	KfW	38,500.00	36,169.26	2,330.74
	2.2 Civil Works (Economic Infrastructure): Design, Construction and Supervision	KfW	803,000.00	6,683.14	796,316.86
	2.3 Small scale debris management (Ground preparation for land fill rehabilitation and local employment)	KfW	500,000.00	131,278.43	368,721.57
	2.4 Capacity Building, Consultation and Awareness Raising	KfW	48,998.40	564.50	48,433.90
	Total		1,390,498.40	174,695.33	1,215,803.07
Output 3: Other Direct	3.1 Project Management Unit	KfW	1,915,766.40	384,361.11	1,531,405.29

Project Costs (Cross Cutting Output 1 and Output3)	3.2 Programme Staff (Project Quality Assurance, Technical Guidance and Support oversight)	KfW	333,929.16	50,488.71	283,440.45
	3.3 Travel (for quality control/ supervision; technical support; administrative support, oversight, etc) - Non- Consulting Personnel	KfW	100,320.00	59,504.41	40,815.59
	3.4 Other Operating Expenses	KfW	405,000.00	207,099.58	197,900.42
	3.5 Communications and Publications	KfW	24,464.00	6,243.73	18,220.27
	3.6 Evaluation and Audit	KfW	49,000.00		49,000
	Total		2,828,479.56	707,697.54	2,120,782.02
	GMS 8%		1,851,852.04	49,288.60	1,802,563.44
	Grand Total		25,000,000.00	3,749,233.93	21,250,766.07

*Accumulative figures from January – December 2019